

1/15

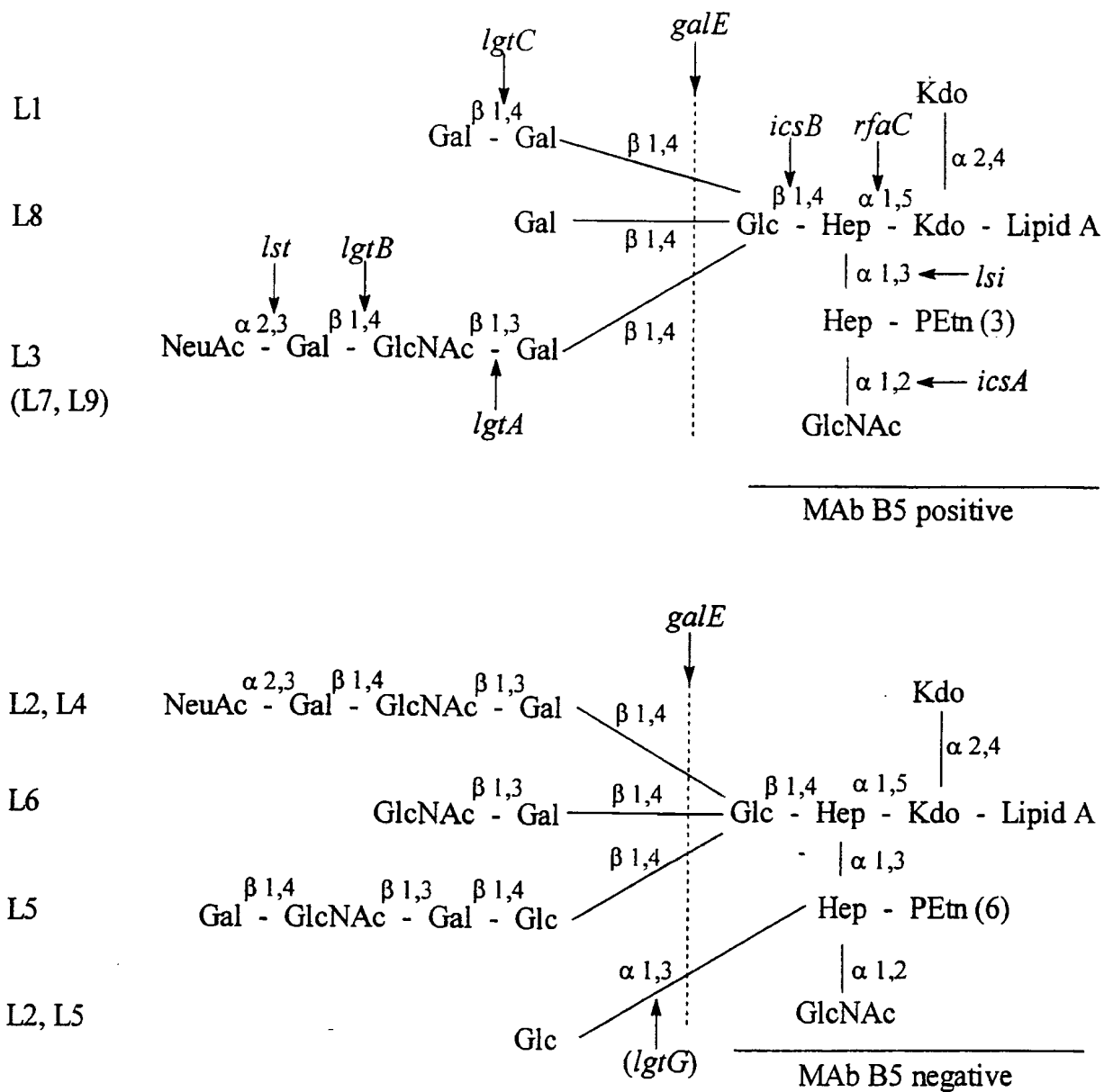
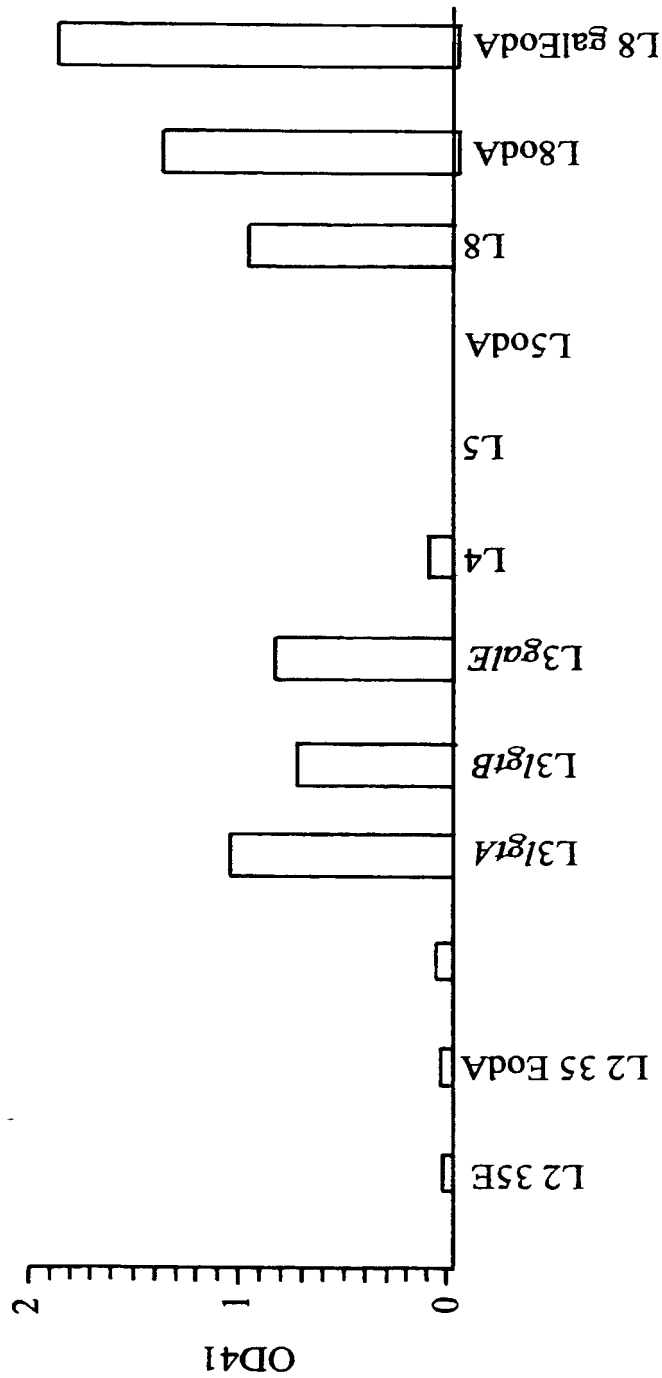


Fig. 1

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N.meningitidis LPS

Fig. 2

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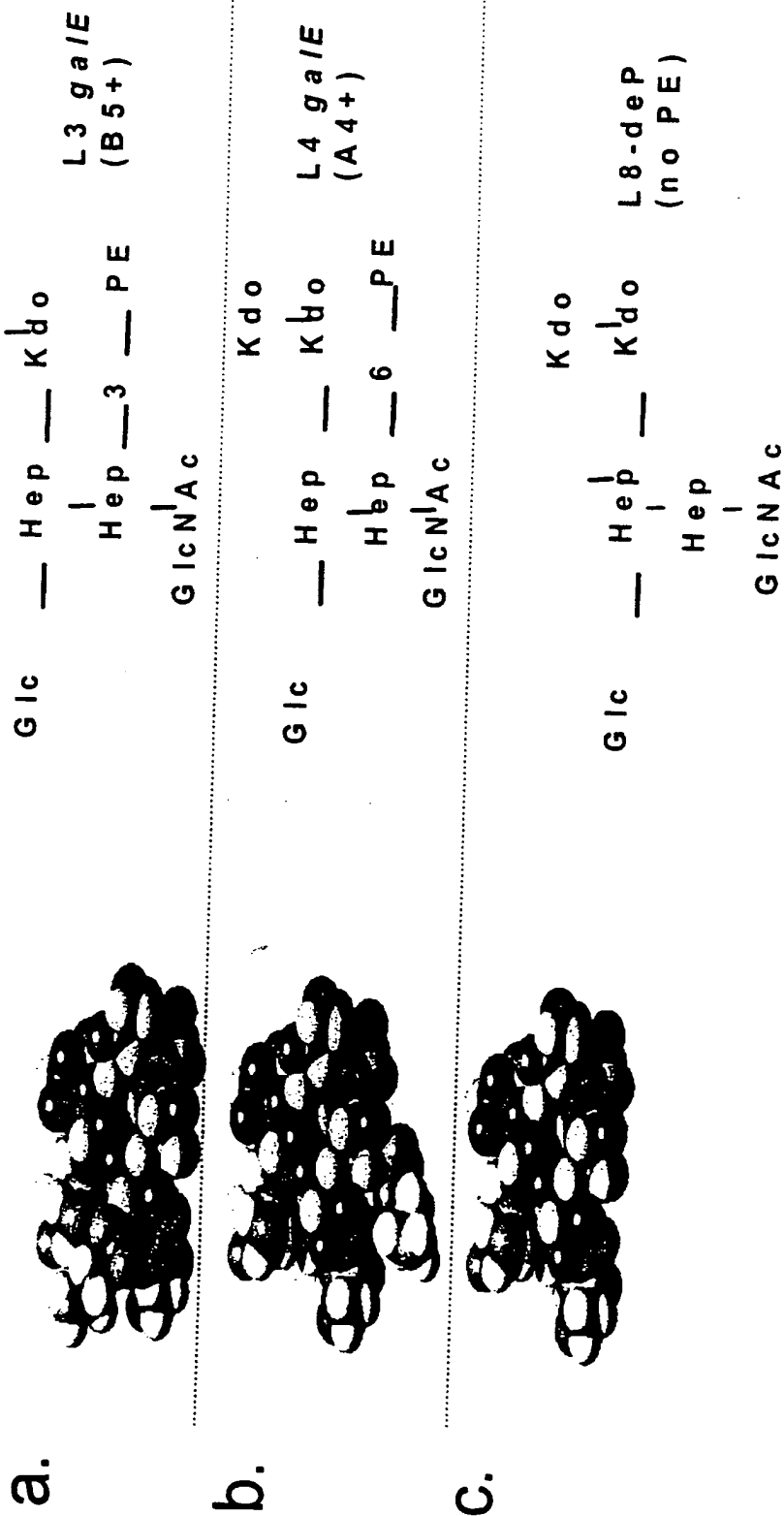


Fig. 3

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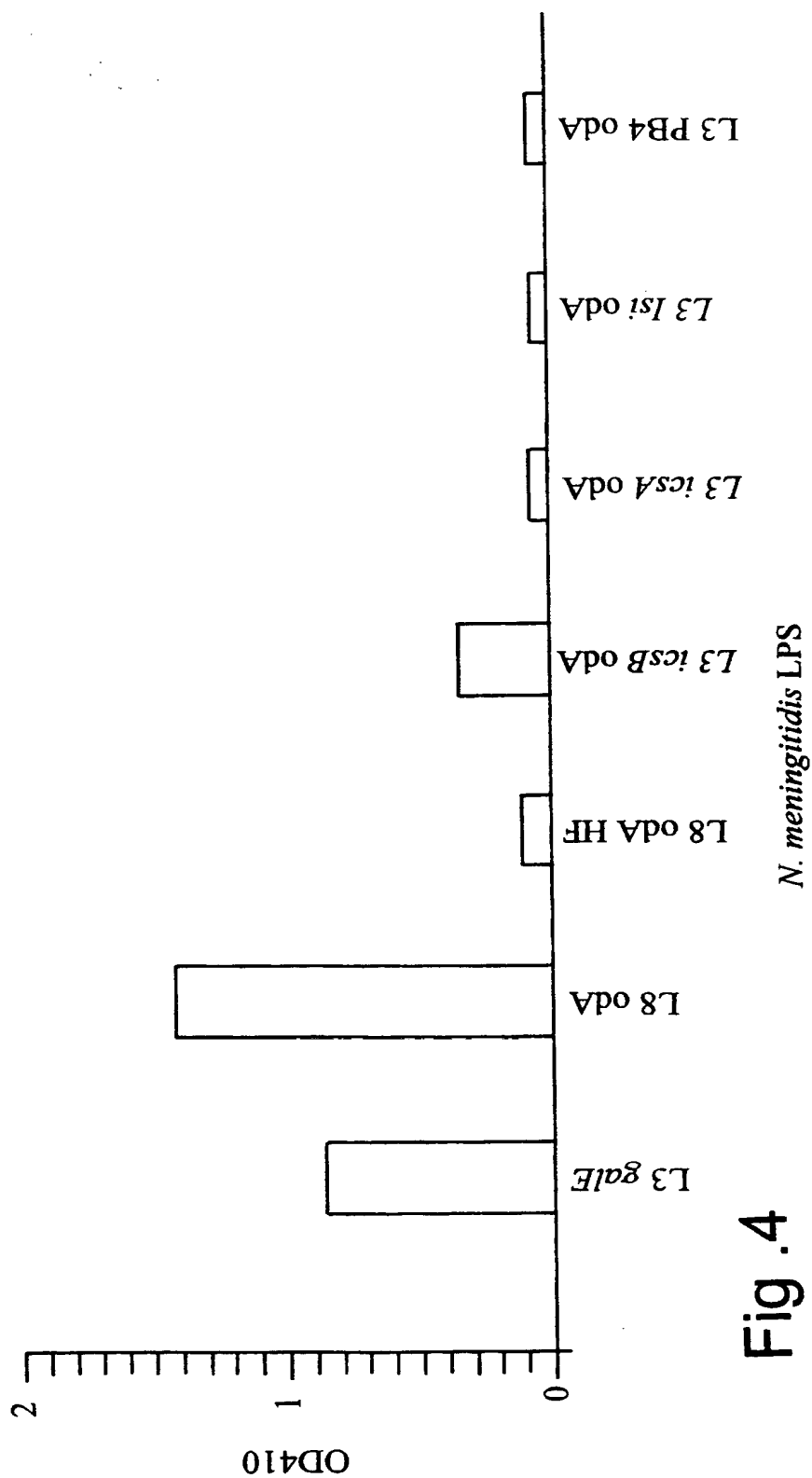


Fig. 4

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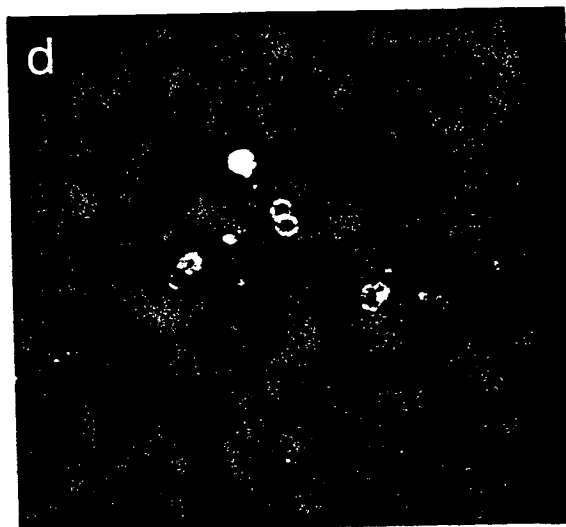
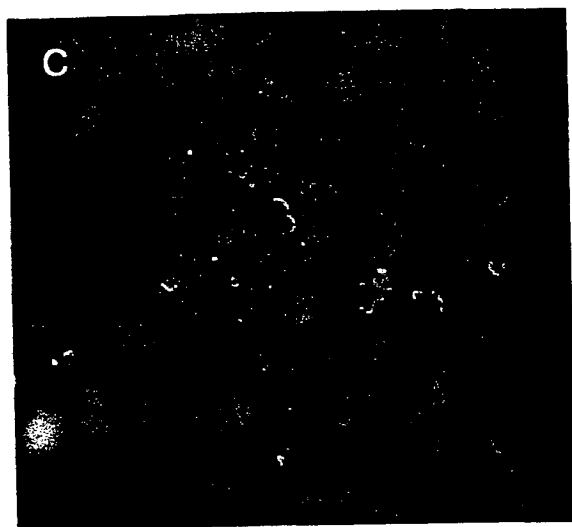
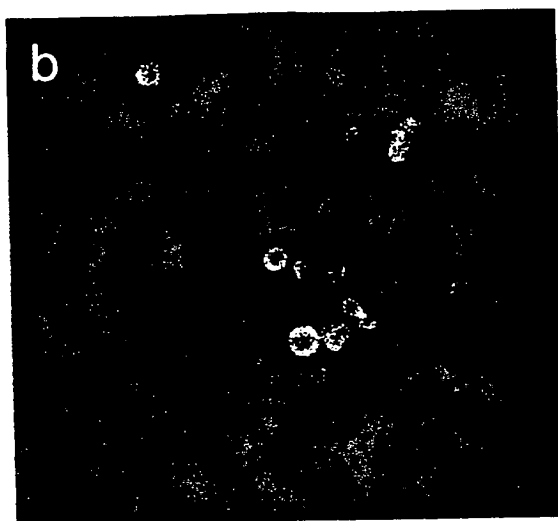
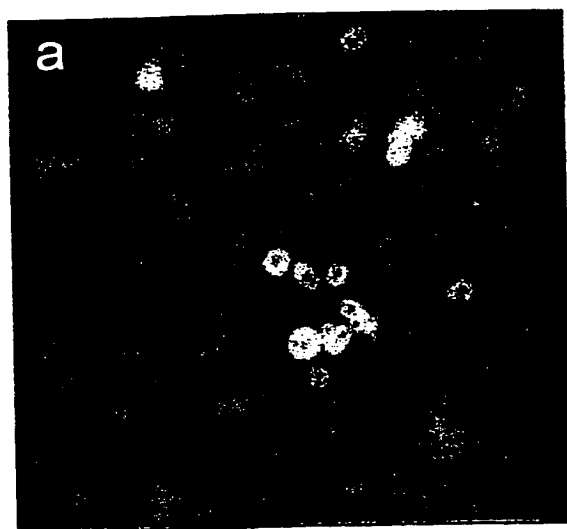


Fig. 5

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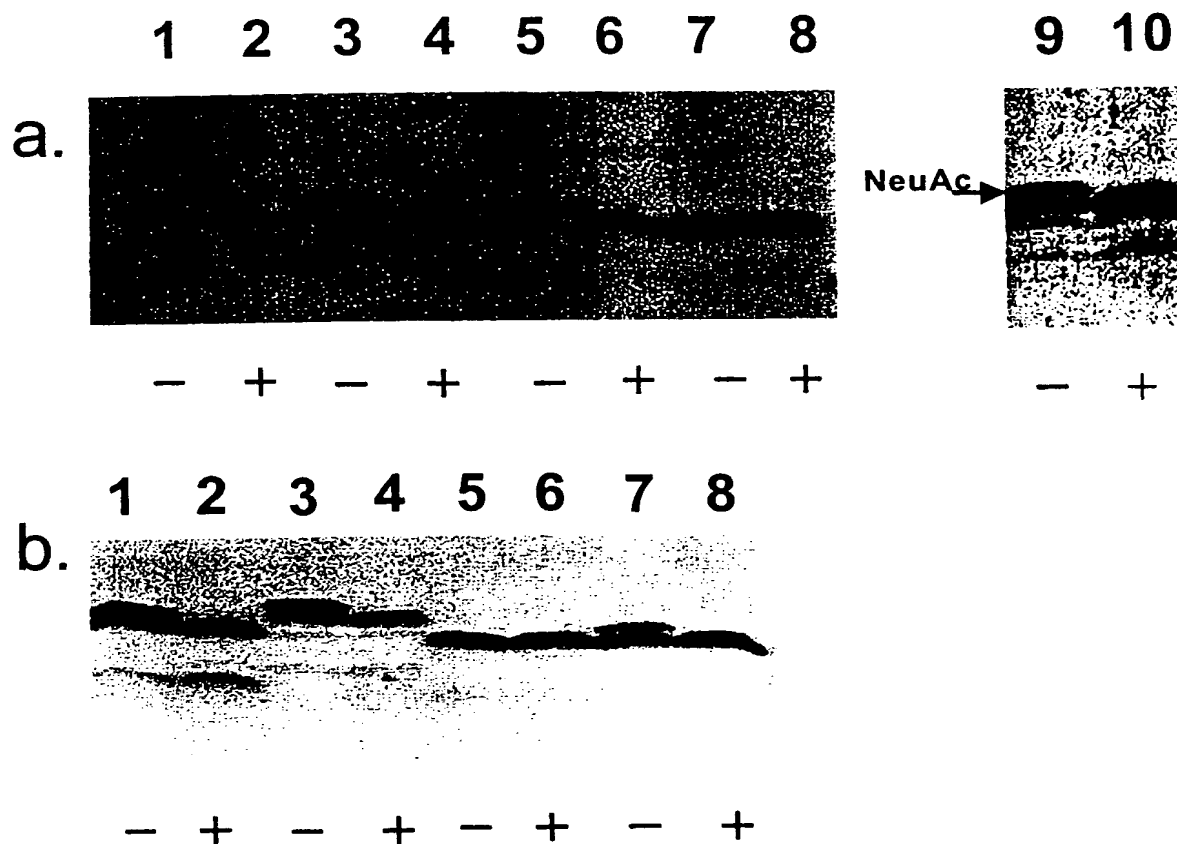


Fig. 6

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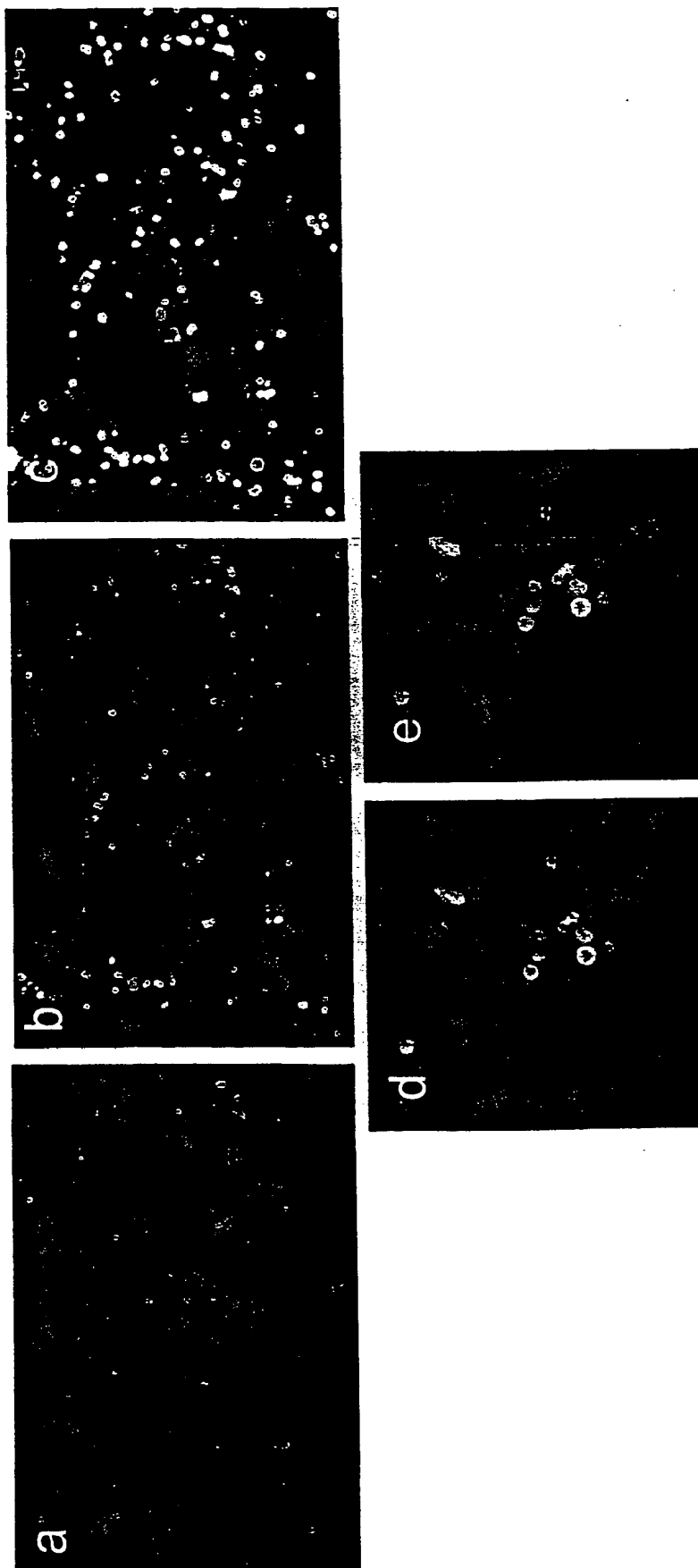


Fig. 7

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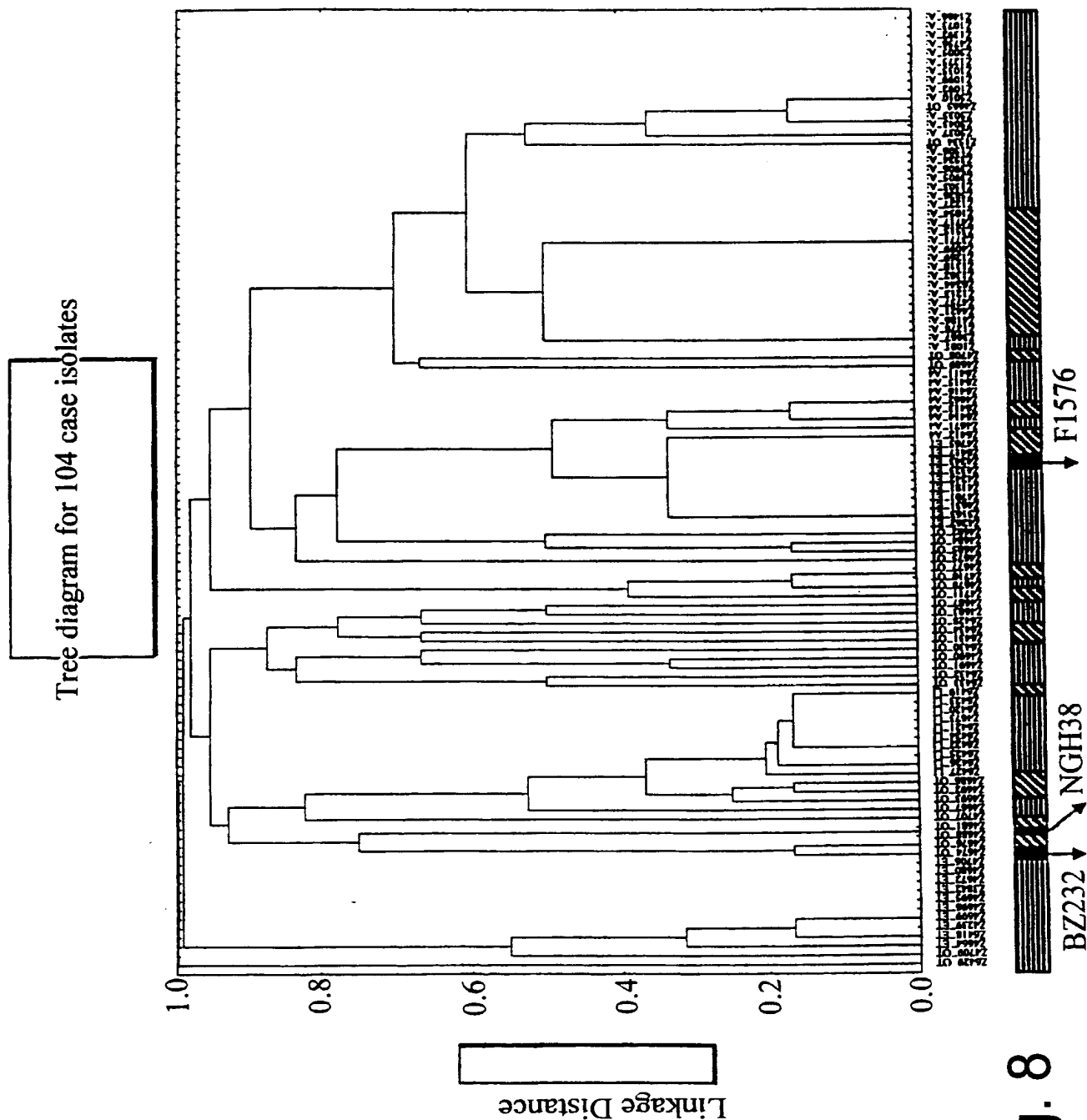


Fig. 8

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STRATEGY DIAGRAM
(Methods used in brackets)

↓
Identify antibody
accessible epitopes of
wild-type encapsulated
Gp B Nm strains
(2,3,4)

↓
Investigate conservation
of antibody accessible
inner core epitopes in
natural population of Nm
(3)

↓
Investigate the structure
of LPS derived from Nm
of known mab reactivity
(5)

↓
Define details of
conserved antibody
accessible epitopes
(2,5)

↓
Select minimum number
of glycoforms having
range of epitopes
representative of all Nm
strains
(3,4,5)

↓
Investigate potential of
glycoform to elicit
functional antibodies
(e.g bacterial,
opsonophagocytic &
animal protection
assays)

Fig. 9

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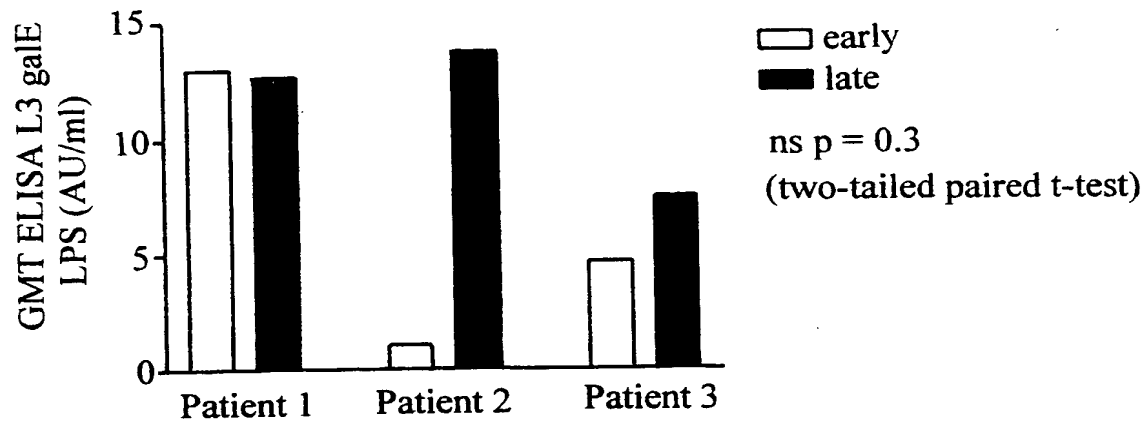


Fig. 10a

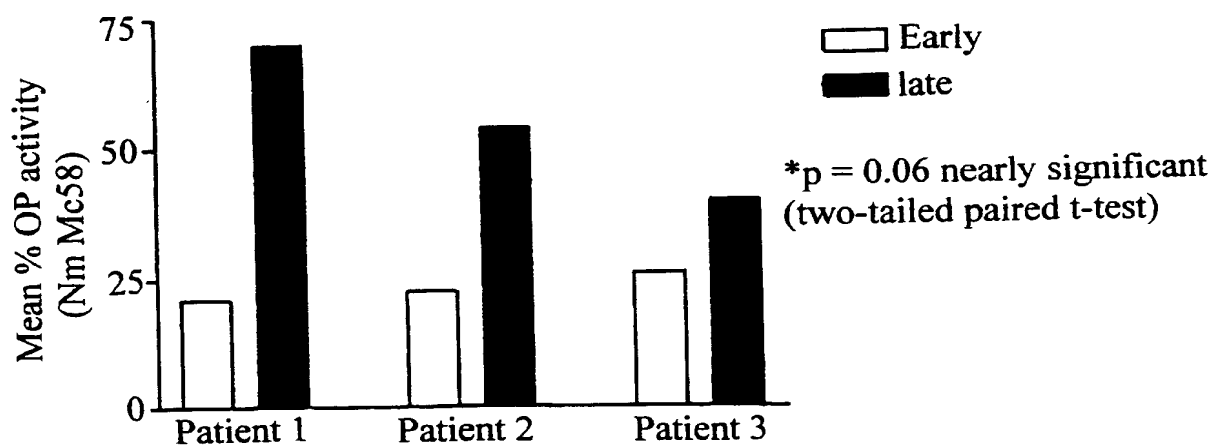


Fig. 10b

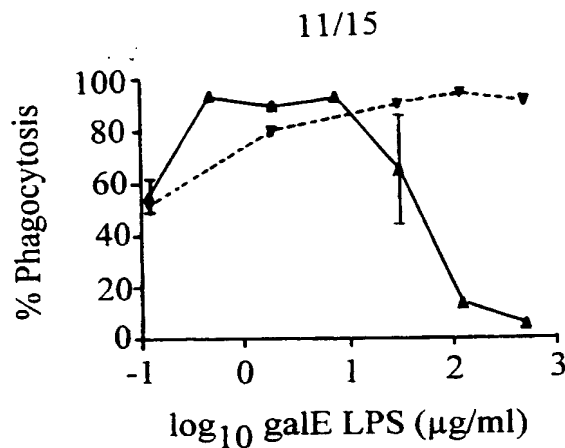


Fig. 11a

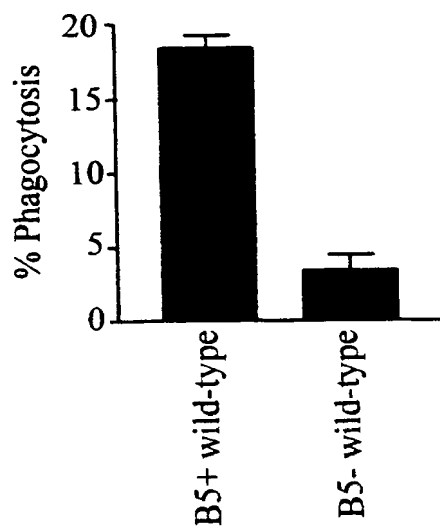


Fig. 11b

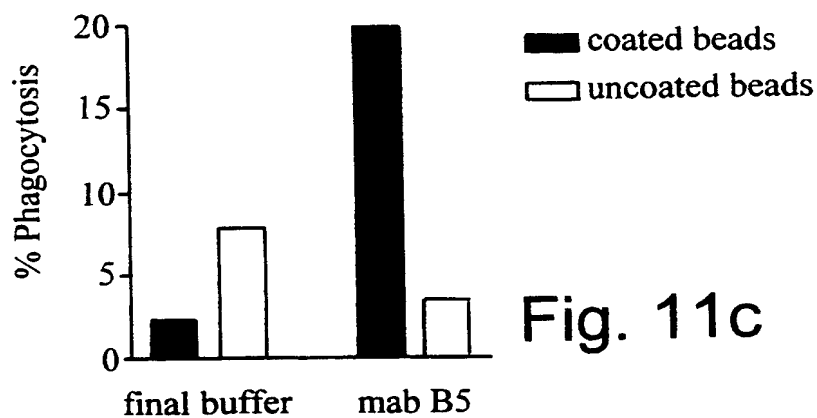


Fig. 11c

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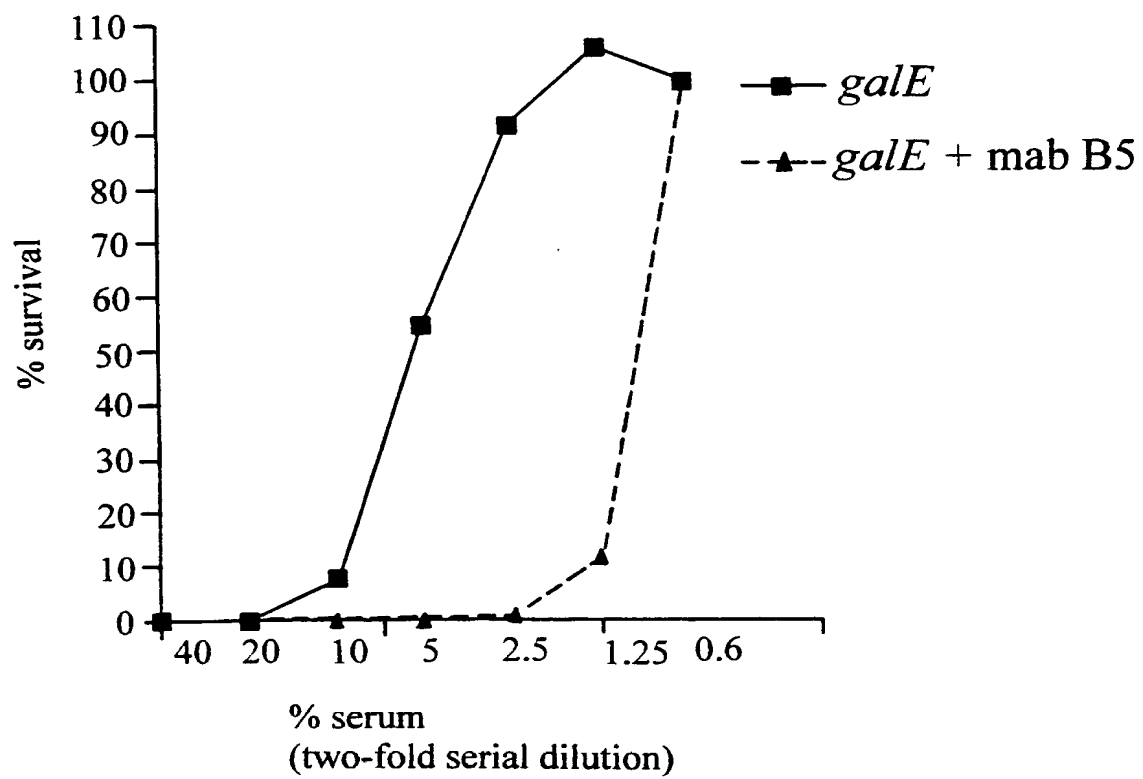


Fig. 12

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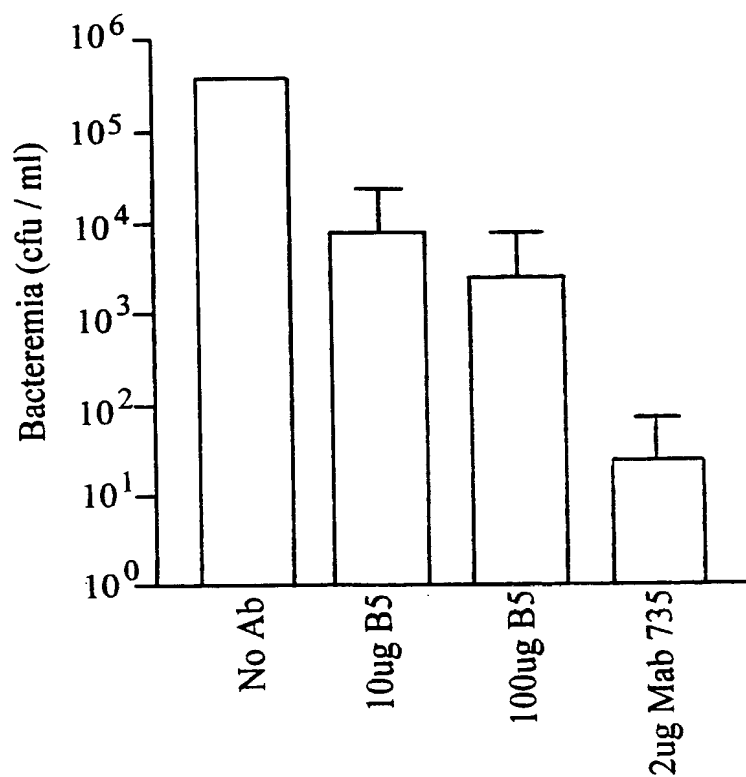
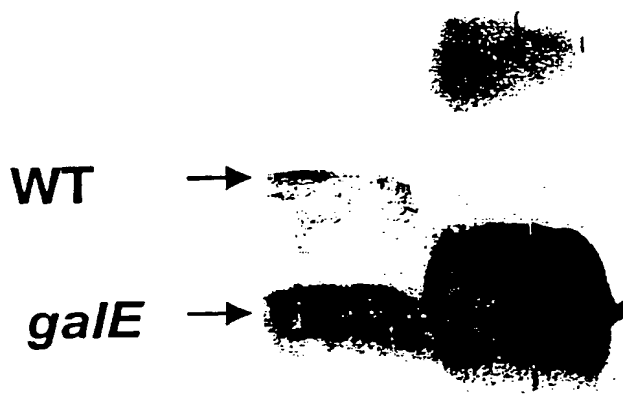


Fig. 13

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Fig. 14

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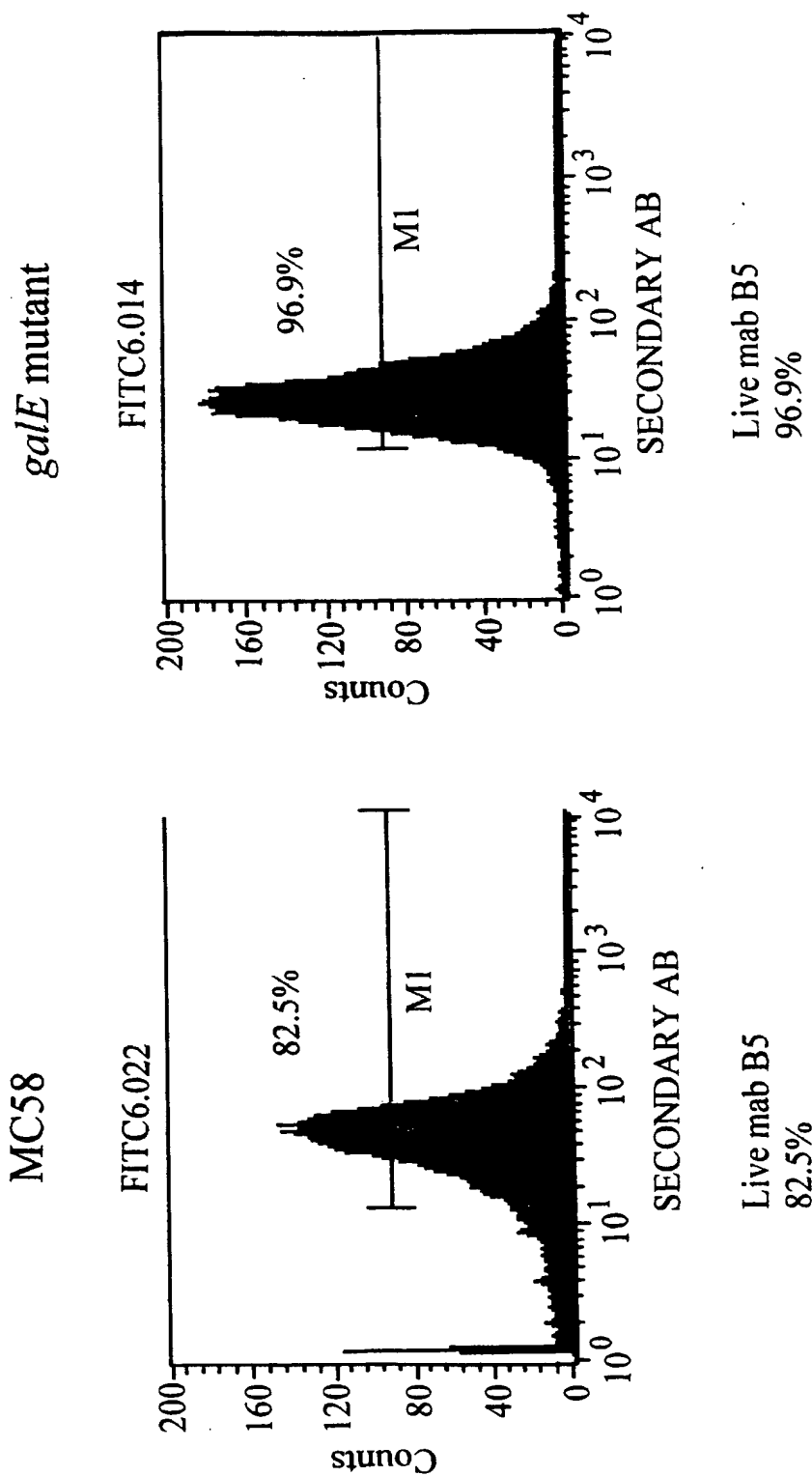


Fig. 15